WEST

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L21: Entry 34 of 83 File: DWPI Nov 20, 1991

DERWENT-ACC-NO: 1992-011397
DERWENT-WEEK: 199940

TITLE: Printing ink for coating optical instruments - comprises urethane! vinyl! chloride ink with trimmer type mono:cyclic cpd. of di:isocyanate curing agent

PATENT-ASSIGNEE:

ASSIGNEE	CODE
CANON KK	CANO

PRIORITY-DATA: 1990JP-0056630 (March 9, 1990), 1990JP-0056630 (March 9, 1990)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
JP 03259969 A	November 20, 1991		003	
JP 2940983 B2	August 25, 1999		003	C09D011/10

APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
JP 03259969A	March 9, 1990	1990JP-0056630	
JP 2940983B2	March 9, 1990	1990JP-0056630	
JP 2940983B2		JP 3259969	Previous Publ.

INT-CL (IPC): C09D 11/10

ABSTRACTED-PUB-NO: JP 03259969A
BASIC-ABSTRACT:

Printing ink mainly consists of urethane vinyl chloride ink. A trimer type monocyclic cpd. of diisocyanate of formula (I) is used by 100 % as solid content as a curing agent. (R = hexylene).

Pref. the base materials to be printed are of plastics, metal, surface-treated metal and secondary metal-plated plastics or metals. The urethane vinyl chloride ink compsns. are e.g. VIC B-8221 Metallic Gray P-2, and VIC C-2304 Green, Seiko Advance KK. The plastics are e.g. ABS, acryls, phenol resins.

USE/ADVANTAGE - The printing ink is suitable used for exterior coating of optical instruments, electric home appliances,, audio-visual instruments, etc., having long pot-life (6 hours, twice as long as the conventional inks), and providing good print finish with sufficient adhesion, solvent and abrasion resistances and surface hardness. The amt. of the curing agent is less by half that in the conventional ink.

CHOSEN-DRAWING: Dwg.0/0

TITLE-TERMS: PRINT INK COATING OPTICAL INSTRUMENT COMPRISE POLYURETHANE POLYVINYL CHLORIDE INK TRIM TYPE MONO CYCLIC COMPOUND DI ISOCYANATE CURE AGENT

DERWENT-CLASS: A97 E13 G02

CPI-CODES: A04-E02E; A05-G01E; A08-C09; A08-D04A; A12-W07D; E07-D13B; G02-A04A;

CHEMICAL-CODES:

Chemical Indexing M3 *01*
Fragmentation Code
F011 F012 F013 F014 F015 F016 F580 H2 H213 J5
J523 K0 L2 L230 L299 L9 L910 L999 M280 M315
M323 M332 M342 M383 M393 M413 M510 M521 M530 M540
M781 M903 M904 Q132 Q332
Ring Index
00212
Markush Compounds
199202-D2801-U

POLYMER-MULTIPUNCH-CODES-AND-KEY-SERIALS:
Key Serials: 0020 0209 0218 0231 0307 0377 0759 1096 1277 1294 1760 2020 2299 2300 2314 2324 2572 2608 2622 2657 2726 2728 2737 2812 2851 3161 3191 3217 3252

Multipunch Codes: 014 034 04- 040 055 056 061 062 063 072 074 076 117 122 140 150 153 207 209 231 28& 311 313 341 364 366 367 443 47& 473 477 48- 51& 532 536 54& 541 548 55& 551 560 561 597 598 600 623 627 649 656 659 684 688 020 021 023 030 037 075 109 127 129 176 202 229 230 231 232 257 260 262 265 272 272 273 281 285 316 319 321 325

SECONDARY-ACC-NO:
CPI Secondary Accession Numbers: C1992-004828